



MS PATENT APPLICATION
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PTO
Transmitted herewith for filing is the patent
application of:

Inventors: **Domenico PORTO
Marco BRANCIFORTE
Lucio TICLI**

For: **HARDWARE QUANTUM GATE**

Enclosed are:

Patent Application: 27 pages, 6 claims
11 sheets of drawings
 The suggested drawing figure to be published is FIG. 8.
 A Preliminary Amendment (with 6 replacement drawing sheets).
 Assignee info:
 Name: STMicroelectronics S.r.l.
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 Country of Incorporation: Italy

Applicant claims priority benefit to the following U.S. application(s):
 Application No.: 10/615,446
 Filing Date: July 8, 2003

Applicant claims priority benefit to the following foreign application(s):
 Country: Europe
 Application No.: 02425447.6
 Filing Date: July 8, 2002
 and
 Country: Europe
 Application No.: 02425672.9
 Filing Date: November 4, 2002

The Declaration and Filing Fee are **NOT ENCLOSED**.

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Associate this file with Customer No. 27975.

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PATENT TRADEMARK OFFICE

Date: November 4, 2003

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